

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



#5
XW

PATENT
ATTORNEY DOCKET NO.: PARSE-C2
CUSTOMER NO: 36038

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
M. Seul *et al.*)
Serial No. 09/768,414) Group Art Unit:
Filed: 1/24/2001) Examiner:
For: SYSTEM AND METHOD FOR)
PROGRAMMABLE ILLUMINATION)
PATTERN GENERATION)

Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants submit the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed (as checked below):

- within three months of the filing date of the above-referenced application**
- within three months of the date of entry of the national stage in a § 371 application; or**
- X before the mailing of a first Office Action on the merits for the above-referenced application.**

Copies of the listed documents, other than United States patents, are included. Applicants respectfully request that the Examiner consider the listed documents and

RECEIVED
AUG 25 2003
TECH CENTER 2400

indicate that they were considered by making appropriate notations on the attached PTO 1449 form.

N/A: English translations of the non-English documents are attached.

_____ The following is a concise statement of the relevance of the non-English language documents.

_____ In lieu of a statement of relevance or translation of the non-English language documents, an English language version of a search report from a foreign patent office in a corresponding application citing these documents and setting forth the relevance thereof is enclosed.

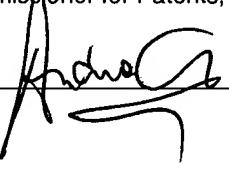
This submission does not represent that: (i) Applicant has read or analyzed any of the documents cited herein, except as otherwise provided; (ii) a search has been conducted; (iii) that no other documents exist which may be material to the examination of this application exist; or (iv) that any of the listed documents, or any part thereof, are material or constitute prior art under title 35 of the United States Code. Applicant reserves the right to present evidence and arguments to counter an assertion that any such documents are prior art, and/or to establish the patentability of the claimed invention.

Respectfully Submitted,

BY: 
Eric P. Mirabel
Reg. No. 31,211
Bioarray Solutions, Ltd.
35 Technology Drive
Warren NJ 07059
(908) 226 8200 (ext 203)

Applicants) hereby petitions for any extension of time or for any other grounds needed to make this submission timely and proper. The Commissioner is hereby authorized to charge any fees due in connection with this submission and not otherwise covered by payment included herewith, or to credit any overpayment, to Deposit Account No. 502088.

I hereby certify that, on the date indicated below, this correspondence and all attachments indicated herein are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria VA 22313-1450

By: 

Date: 8/20/03

Please type a plus sign (+) inside this box

O I P E
AUG 22 2003
U.S. TRADEMARK OFFICE

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 OF 12

Complete if Known	
Application Number:	09/768,414
Filing Date:	01/24/2001
First Named Inventor:	M. Seul, et al.
Group Art Unit:	1641
Examiner Name:	
Attorney Docket Number:	PARSE-con 2

RECEIVED
AUG 25 2003
TECH CENTER 1500
1500/2900

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
	5,723,233		Garza et al.	2/1996
	4,806,776		Kley	8/1985
	6,141,046		Roth et al.	10/31/2000
	6,018,350		Lee, et al.	1/25/2000
	6,023,590		Abe, et al.	2/8/2000
	6,025,905		Sussman	2/15/2000
	6,123,263		Feng	9/26/2000
	6,151,062		Inoguchi et al.	11/21/2000
	3,998,525		Giglia	12/1976
	3,982,182		Hogg	1/1976

FOREIGN DOCUMENTS

Examiner Initials	Foreign Patent Documents			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
	Office	Number	Kind Code (if known)			

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited

Application/Control No.

09/1768,414

Applicant(s)/Inventor(s)

REEXAMINATION
SEUL, MICHAEL

Examiner

Art Unit

1641

Page 2 of 12

AUG 22 2013

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,747,349	05-1998	van den Engh et al.	436
	B	US-5,900,481	05-1999	Lough et al.	536
	C	US-6,133,436	10-2000	Koster et al.	536
	D	US-6,084,991	07-2000	Sampas	812
	E	US-5,442,246	06-1995	Koopal et al.	435
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	WO 99/18434	04/15/99	PCT		
	O	WO 99/19515	04/22/99	PCT		
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

6
AUG 22 2003
PATENT & TRADEMARK OFFICE

Page 3 of 12

FORM PTO-1449 INFORMATION DISCLOSURE CITATION		Attorney Docket:	Serial No.:
		PARSE 602	09/768,414
		Applicant: Seul et al.	
Filing Date: 1/24/2001	Group 1		

RECEIVED
AUG 25 2003
TECH CENTER 1000/2000

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	5,281,370	01/25/94	Asher et al.			
	5,516,635	05/15/96	Ekins et al.			
	5,518,883	05/21/96	Soini			
	5,415,835	05/16/95	Brueck			
	5,604,097	02/18/97	Brenner			
	5,800,992	09/01/98	Fodor			
	6,023,540	02/08/00	Walt et al.			
	6,327,410	12/04/01	Walt et al.			
	6,266,459	07/24/01	Walt et al.			
	6,429,027	08/06/02	Chee et al.			

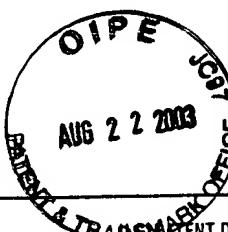
FOREIGN PATENT DOCUMENTS

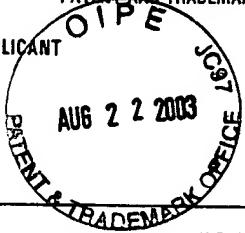
Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	WO 93/02360	02/04/93	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO 96/03212	02/08/96	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	1,248,873	01/17/89	Canada			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO 93/06121	04/01/93	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

Materials from Freedom of Information Act pertaining to David R. Walt

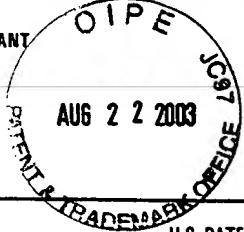
Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

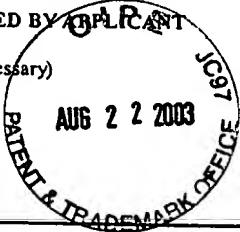
FORM PTO-1449 (REV. 7-80)										U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: <u>PARSE-CON2</u>		SERIAL NO.: <u>09/768,414</u>	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)												APPLICANT(S): SEUL, Michael		FILING DATE: <u>1/24/2001</u>	
														GROUP: <u>AUG 25 2003</u> <u>TECH CENTER 1600/2900</u>	
DOCUMENTS															
*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA		4	4	9	9	0	5	2	2/12/85	Fulwyler	422	52	8/30/82		
AB		4	6	4	7	5	4	4	3/3/87	Nicoff et al.	436	518	6/25/85		
AC		4	8	2	2	7	4	6	4/18/89	Walt	436	528	6/25/86		
AD		4	9	9	4	3	7	3	2/19/91	Stavrianopoulos et al.	435	8	7/20/89		
AE		5	0	0	2	8	6	7	3/26/91	Macevicz	435	6	10/24/88		
AF		5	0	2	8	5	4	5	7/2/91	Soini	436	501	6/9/88		
AG		5	1	0	5	3	0	5	4/14/92	Betzig	359	368	1/10/91		
AH		5	1	1	4	8	6	4	5/19/92	Walt	436	528	9/19/89		
AI		5	1	3	2	2	4	2	7/21/92	Cheung	436	501	11/13/89		
AJ		5	1	3	2	0	9	7	7/21/92	Van Deusen et al.	422	82.09	9/4/90		
AK		5	1	4	3	8	5	3	9/1/92	Walt	436	501	2/2/89		
FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
AL		0	2	6	9	7	6	4	6/8/88	EP	C12Q	1/68		X	
AM		0	4	7	8	3	1	9	4/1/92	EP	C12Q	1/68		X	
AN		0	7	2	3	1	4	6	7/24/96	EP	G01N	21/64		X	
AO		8	9	1	1	1	0	1	11/16/88	PCT	G01N	33/546		X	
AP		9	3	0	2	3	6	0	2/4/93	PCT	G01N	33/536		X	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)															
AQ		Peterson, et al. "Fiber optic pH probe for physiological use," Anal. Chem. Vol. 52, 864-869 (1980)													
AR		Peterson, et al. "Fiber-Optic Sensors for Biomedical Applications," Science, 13: 123-127 (1984).													
AS		Fuh, et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112: 1159-1163 (1987).													
EXAMINER										DATE CONSIDERED					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.															

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.: <u>PARSE-CON2</u>	SERIAL NO.: <u>09/768414</u>				
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)									APPLICANT(S): <u>SEUL, Michael</u>	RECEIVED AUG 25 2003 GTECH CENTER 1600/2900				
									FILING DATE: <u>11/24/2001</u>					
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
BA		5	1	9	4	3	0	0	3/16/93	Cheung	427	213.31	11/8/89	
BB		5	2	4	4	8	1	3	9/14/93	Walt et al.	436	172	4/20/92	
BC		5	2	4	4	8	3	6	9/14/93	Walt et al.	422	82.07	1/25/91	
BD		5	2	5	0	2	6	4	10/5/93	Walt et al.	422	82.07	12/21/92	
BE		5	2	5	2	4	9	4	10/12/93	Walt	436	528	3/30/92	
BF		5	2	5	4	4	7	7	10/19/93	Walt	438	172	9/19/91	
BG		5	2	9	8	7	4	1	3/29/94	Walt et al.	250	227.23	1/13/93	
BH		5	3	0	6	6	1	8	4/26/94	Prober et al.	435	6	1/16/92	
BI		5	3	2	0	8	1	4	6/14/94	Walt et al.	422	82.07	11/25/92	
BJ		5	3	8	2	6	5	3	11/8/94	Carr et al.	436	165	5/6/92	
BK		5	4	0	5	7	8	4	4/11/95	Van Hoegaerden	436	523	2/25/93	
FOREIGN PATENT DOCUMENTS											TRANSLATION			
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
BL		9	3	0	6	1	2	1	4/1/93	PCT	C07H	21/00		X
BM		9	3	2	4	5	1	7	12/9/93	PCT	C07K			X
BN		9	7	1	4	0	2	8	4/17/97	PCT	G01N	15/10		X
BO														
BP														
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
BQ	Barnard, et al., "A fibre-optic chemical sensor with discrete sensing sites," Nature, vol. 353: 338-340 (1991).													
BR	Campion, et al. "Colored and Fluorescent Solid Supports," Innovation and Perspectives in Solid-Phase Synthesis . Ed: E. Birmingham (Mayflower, London), pp. 469-472 (1994).													
BS	Pope, "Fiber optic chemical microsensors employing optically active silica microspheres," SPIE, vol. 2388 : 245-256 (1995).													
EXAMINER									DATE CONSIDERED					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

FORM PTO-1440 (REV. 7-80)		U.S. GOVERNMENT BY COMMISSIONER PATENT AND TRADEMARK OFFICE		DOCKET NO.	SERIAL NO.:								
		O I P E AUG 22 2003 U.S. PATENT & TRADEMARK OFFICE		PARSE - 002	09/768,414								
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): SEUL, Michael	RECEIVED AUG 25 2003 TECH CENTER 1600/2900								
				FILING DATE: 10/16/00	GROUP: 15	10/16/2003							
				V 24 (2003)									
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
CA		5	4	8	0	7	2	3	1/2/94	Kleiner et al.	428	441	5/17/94
CB		5	8	1	4	5	2	4	8/28/94	Walt et al.	436	518	12/14/95
CC		5	4	8	8	9	9	7	9/5/94	Pope	250	227.21	1/3/94
CD		5	5	1	2	4	8	0	4/30/94	Walt et al.	438	171	8/11/94
CE		5	8	8	5	3	2	4	10/16/00	Walt et al.	435	6	4/13/94
CF		5	5	8	7	8	2	7	10/22/94	Lehnen	438	518	11/5/93
CG		5	8	3	3	7	2	4	8/27/94	King et al.	358	445	8/29/95
CH		5	8	3	3	9	7	2	8/27/94	Walt et al.	385	116	11/29/95
CI		5	8	5	0	4	8	1	7/22/94	Lawn et al.	530	334	6/19/91
CJ		5	8	5	2	0	5	0	7/29/94	Marlow	428	403	1/25/95
CK		5	8	7	4	8	9	1	10/7/94	Yedding et al.	435	7.92	3/30/95
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
										YES			
CL													
CM													
CN													
CO													
CP													

OTHER PRIOR ART CITED BY APPLICANT (See Part 1440, Rule 144)

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.: 104-1768-414 PARSE - cont	SERIAL NO.: 104-1768-414			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)									APPLICANT(S): SEUL, Michael	AUG 25 2003 104-1768-414 1000/2000			
									FILING DATE: 07/24/2001		GROUP: 11		
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	DA	5	6	9	0	8	9	4	11/25/97	Pinkel et al.	422	68.1	5/23/95
	DB	9	7	9	0	8	9	7	12/23/97	Klainer et al.	528	15	5/30/95
	DC	5	7	7	9	9	7	9	7/14/98	Leland et al.	422	52	6/5/95
	DD	5	8	3	9	9	2	1	8/17/99	Hansen et al.	422	55	1/23/97
	DE	5	9	6	1	9	2	3	10/5/99	Nova et al.	422	68.1	8/30/96
	DE	5	9	6	0	4	5	2	10/12/99	Kovacs	436	149	7/9/96
	DG	6	0	4	8	6	9	0	4/11/00	Heller et al.	435	6	5/14/97
	DH	8	0	9	0	9	4	0	7/18/00	Wohlstadter et al.	435	6	3/6/97
	DI	6	0	9	0	9	1	2	7/18/00	Lebl et al.	530	300	11/23/98
	DJ	6	2	0	0	7	9	7	3/13/01	Walt et al.	430	320	8/24/95
	DK												
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
	DE												
	DM												
	DN												
	DO												
	DP												
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
	DO	Egner, et al., "Tagging in combinatorial chemistry: the use of coloured and fluorescent beads," Chem. Commun. pp. 735-736 (1997)											
	DR	Fulton, et al., "Advanced multiplexed analysis with the FlowMatrix system," Clinical Chemistry, vol. 43:9, pp. 1749-1756 (1997).											
	DS	Scott et al., "Properties of fluorophores on solid phase resins; implications for screening, encoding and reaction monitoring," Bioorganic & Medicinal Chemistry Letters, 7:12, pp. 1567-1572 (1997).											
EXAMINER								DATE CONSIDERED					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

FORM PTO-1449 (REV. 7-80)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: <i>PARSE-cont</i>	SERIAL NO.: <i>09/768,414</i>		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT(S): SEUL, Michael	<i>RECEIVED</i> AUG 25 2003 TECH CENTER 1600, 2000		
					FILING DATE: <i>1/24/2001</i>			
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EA								
EB								
EC								
ED								
EE								
EF								
EG								
EH								
EI								
EJ								
EK								
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
EL								YES NO
EM								
EN								
EO								
EP								
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
EQ	Healey et al., "Fiberoptic DNA sensor array capable of detecting point mutations," Analytical Biochemistry, vol. 251, pp. 270-279 (1997).							
ER	"Microsphere Selection Guide," Bangs Laboratories, Inc. (Fisher, IN) (September 1998)							
ES								
EXAMINER				DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

FORM PTO-1449 (REV. 7-80)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 151-166 CO-16 PARK -62		SERIAL NO.: 09/17681414		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)			AUG 22 2003 PATENT & TRADEMARK OFFICE		APPLICANT(S): SEUL, Michael				
					FILING DATE: AUG 22 2003 1148/2001		GROUP: 152		RECEIVED
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	TECH CENTER SUBCLASS	FILING DATE IF APPROPRIATE
BA								152	12/900
BB									
BC									
BD									
BE									
BF									
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	TRANSLATION YES	NO
BG									
BH									
BI									
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
	BJ	Trau et al., "Field-Induced Layering of Colloidal Crystals," <i>Science</i> , vol. 272 : 706-709 (1996)							
	BK	Seul et al., "Domain Shapes and Patterns: The Phenomenology of modulated Phases," <i>Science</i> , vol. 267 : 476-483 (1995)							
	BL	Schena et al. "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <i>Science</i> , vol. 270 : 467-470 (1995)							
	BM	Haab et al. "Single Molecule Fluorescence Burst Detection of DNA Fragments Separated by Capillary Electrophoresis," <i>Analytical Chemistry</i> , vol. 67 (No. 18) : 3253-3258 (1995)							
	BN	Richetti, et al., <i>J. Physique Lett.</i> , vol. 45 : L-1137 to L-1143 (1984)							
	BO	Sze, "MIS Diode and Charge-Coupled Device," <i>The Physics of Semiconductors</i> , Chapter 7, pp. 362-430 (2 nd Edition) (Wiley Interscience 1981)							
	BP								
	BO								
	BR								
EXAMINER					DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE PTO JC97							ATTY. DOCKET NO.: PATSB-002		SERIAL NO.: 091768,444			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)									APPLICANT(S): SEUL, Michael					
									FILING DATE: 1/24/2001		GROUP: 1641			
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		3	9	9	8	5	2	5						
AA		3	9	9	8	5	2	5	12/21/78	Giglia	350	160	10/13/75	
AB		4	0	7	5	0	1	3	02/21/78	Ward et al.	96	1.5	09/13/76	
AC		4	4	5	6	5	1	3	06/26/84	Kawai et al.	204	180	08/25/82	
AD		4	5	7	5	4	0	7	03/11/86	Diller	204	67	10/24/84	
AE		4	5	9	1	5	5	0	05/27/86	Hafeman et al.	435	4	04/05/84	
AF		5	4	8	4	3	3	0	08/22/95	Leventis et al.	313	506	02/18/93	
AG		6	5	6	7	1	2	8	12/24/96	Wilding et al.	422	50	11/14/94	
AH		5	4	5	8	3	9	2	03/12/96	Wilding et al.	422	68.1	09/19/94	
AI		5	5	5	5	7	5	3	01/05/99	Trau et al.	204	484	11/26/96	
AJ		6	0	3	3	5	4	7	03/07/00	Trau et al.	204	622	01/04/99	
AK														
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											
AL		5	6	0	4	5	4	7	02/15/96	PCT	G01N	27/00	X	
AM														
AN														
AO														
AP														
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
AR		Yeh, et al., "Assembly of ordered colloidal aggregates by electric-field-induced fluid flow," <i>Nature</i> , vol. 386.6: 57-59 (1997)												
AS		Giersig et al., "Formation of ordered two-dimensional gold colloid lattices by electrophoretic deposition," <i>J. Phys. Chem.</i> , vol. 97: 6334-6336												
AT		Seul et al., "Scale transformation of magnetic bubble arrays: coupling of topological disorder and polydispersity," <i>Science</i> , vol. 262 : 558 - 560 (1993)												
EXAMINER										DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>														

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 4

SERIAL NO.:

PARSE - cont

09/768,414

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

AUG 22 2003

P A T E N T & T R A D E M A R K O F F I C E
U. S. P A T E N T P A T E N T P A T E N T
O F F I C E O F F I C E O F F I C E

APPLICANT(S): SEUL, Michael

FILING DATE:

1/24/2001

GROUP:

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

Please type a plus sign (+) inside this box

AUG 22 2003

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET

12

OF

12

Complete if Known

Application Number: 09/768,414

Filing Date: 12/4/2001

First Named Inventor: M. S. et al.

Group Art Unit: 1621

Examiner Name:

Attorney Docket Number:

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
	6,083,763		Balch	7/4/2000
	6,172,218 B1		Brenner	1/9/2001
	5,415,835		Brueck, et al.	5/16/1995
	6,429,027 B1		Chee et al.	8/6/2002
	5,532,128		Eggers et al.	7/2/1996
	5,516,635		Ekins et al.	5/14/1996
	5,961,923		Nova et al.	10/5/1999

FOREIGN DOCUMENTS

Examiner Initials	Foreign Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
	Office	Number	Kind Code (if known)		
		WO 00/04372	Anstyn, et al.	1/27/2000	
		WO 99/60170	Baier, et al.	11/25/1999	
		WO 98/40726	Walt, et al.	2/8/2000	
		WO 00/03004	Fechter, et al.	1/20/2000	
		WO 00/75373	Walt, et al.	12/14/2000	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.